

Title (en)

HEATING DEVICE FOR THERMALLY CONDITIONING PREFORMS PROVIDED FOR BLOW MOLDING

Title (de)

HEIZVORRICHTUNG ZUR THERMISCHEN KONDITIONIERUNG VON FÜR DIE BLASFORMUNG VORGESEHENEN VORFORMLINGEN

Title (fr)

DISPOSITIF DE CHAUFFAGE POUR LE CONDITIONNEMENT THERMIQUE DE PRÉFORMES DESTINÉES AU MOULAGE PAR SOUFFLAGE

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Application

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Abstract (en)

[origin: WO2017186340A1] The invention relates to a heating device (H) for thermally conditioning preforms (1). The heating device (H) has multiple heating devices (30, 30') and transport means (33) for transporting the preforms (1) along the heating devices (30, 30'). The transport means (33) are connected in a chainlike manner, and the transport means (33) have a rotary drive element (52) which interacts with a circulating drive element (51) in order to produce a self-rotation. The heating device (H) has a first heating section with first heating devices (30) for uniformly conditioning the preforms (1) and a second heating section with second heating devices (30') for non-uniformly conditioning the preforms (1) (preferential heating). The drive element (51) is in engagement with the rotary drive element (52) in the region of the first heating section and is not in engagement with the rotary drive element (52) in the region of the second section. The heating device (H) has alignment means for the target alignment of the preforms (1), said alignment means interacting with an alignment contour (75) on the preform (1). The alignment means prevent the rotation of the preforms (1) by means of blocking elements (67) which are arranged either on the transport means (33) or on a blocking device (45) arranged between the first and the second heating section. The invention further relates to a blow-molding machine (B) comprising such a heating device (H).

IPC 8 full level

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